Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 31 Dec 2021 until 23:59 on Saturday 01 Jan 2022

Forecast Issued on Friday 31 Dec 2021 at 02:10

Confidence: High for very mild, rather unsettled and often windy weather through the coming days and then turning much colder early next week, but lower with regard to timing of rain and cloud details.

Headline for Friday 31 Dec 2021: Mainly dry with sunny spells developing. Southwesterly gales easing

Mountain weather hazards on Friday 31 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Dull	Cloudy	Cloudy	Dull	Dull
Precipitation probability					
30%	10%	<05%	<05%	<05%	10%

Forecast for Friday 31 Dec 2021

Weather: Occasionally heavy overnight rain clearing towards dawn then becoming brighter with some sunny spells developing. Cloud increases again across western parts through the evening, bringing a risk of patchy rain and drizzle.

Chance of cloud free mountain/hill tops above 600m: Little chance at first, and again in the west during the evening, otherwise around 75% through much of the day.

Visibility: Periods or persistent cloud above 450-600m at first, and again in west in evening, soon lifting and breaking to become occasional above 600m. Away from cloud visibility very good falling to several kilometres in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 31 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/41 SW	33/44 SW	31/41 SW	30/42 W	23/32 SW	20/28 SW	21/29 S
300	22/30 SW	23/34 SW	21/30 SW	22/32 W	16/25 SW	13/21 SW	15/22 S
Valley	13/28 SW	14/32 SW	14/29 SW	14/31 W	10/23 SW	8/20 S	8/21 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/4	9/4	9/4	8/4	8/4	9/5
300	11/8	11/7	11/8	11/8	10/7	10/8	11/8
Valley	12/9	12/9	12/9	12/9	11/9	11/9	11/9
Freezing Level*	2200m	2000m	1900m	1800m	1900m	2100m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph likely over higher peaks until late morning. Generally very mild, but feeling cold at higher elevations in the strong winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 31 Dec 2021	0.2mm	2mm	6.4mm

Forecast for Saturday 01 Jan 2022

Weather: Cloud and outbreaks of rain clearing through the early hours with long clear spells developing. Then a bright start with some good spells of sunshine with just a few showers expected through the afternoon.

Maximum wind: Southerly or southwesterly 25mph, gusts around 45mph over higher summits, through daylight hours, but winds a little lighter at first and again in evening.

Chance of cloud free mountain/hill tops above 600m: Around 75%, but nearer 40% in the west during the afternoon.

Visibility: Occasional, becoming periods in the west during the afternoon, cloud above 600m. Away from cloud visibility very good falling a little in showers.

Temperature: **Valleys:** Around plus 8 or 9 Celsius at dawn rising to plus 13 or 14 Celsius by day
At 600m: Around plus 8 or 9 Celsius
Freezing level: Well above the summits

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